

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	("20040207437"   "6249160").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:31
S2	82185	wada.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/13 22:25
S5	1	S2 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/13 22:27
S4	2	((phase adj2 synchroniz \$5) and discriminator and (phase near2 detect\$3) and (feedback) and (feedback)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/13 22:27
S3	1	((phase adj2 synchroniz \$5) and discriminator and (phase near2 detect\$3) and (first near2 feedback) and (second near2 feedback)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/13 22:27
S6	17035	(phase near2 detect\$3) and (discriminator or (flip adj flop)) and input	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/13 22:29
S9	1175	S8 and @ad< "20031208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/13 22:30

S8	1596	S6 and ((phase near2 detect\$3) with (discriminator or (flip adj flop)) with input )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/13 22:30
S7	4622	S6 and ((phase near2 detect\$3) same (discriminator or (flip adj flop)) same input )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/13 22:30
S10	806	S9 and ((phase near2 detect\$3) with (discriminator or (flip adj flop)) with input with output)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/13 22:32
S12	7	S10 and (first near2 feedback near2 loop) and (second near2 feedback near2 loop)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/13 22:33
S11	82	S10 and (first near4 loop) and (second near4 loop)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/13 22:33
S13	1	(US-5610954-\$).did.	USPAT	OR	ON	2009/06/13 23:43
S15	2498	S14 and @ad< "20031208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 19:37
S14	3859	PLL and (first near4 loop) and (second near4 loop)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 19:37
S16	9	S15 and ((first near3 "time constant") same (larger or greater or longer) same (second near3 "time constant"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 19:39
S17	1	(US-5761617-\$).did.	USPAT	OR	ON	2009/06/15 19:44

S20	97	S19 and (phase adj detector) same ((select\$3 or multiplex\$3) same (data and (reference adj2 clock)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 19:48
S19	616	S18 and @ad<"20031208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 19:48
S18	1041	PLL and (phase near2 detector) and ((select\$3 or multiplex\$3) same (data and (reference adj2 clock)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 19:48
S21	6	S19 and (phase adj detector) same ((select\$3 or multiplex\$3) same ((received adj data) and (reference adj2 clock)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 19:49
S24	133	S23 not S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 19:53
S23	139	S19 and (phase adj detector) same ((select\$3 or multiplex\$3) same ((input) and (reference adj2 clock)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 19:53
S22	97	S19 and (phase adj detector) same ((select\$3 or multiplex\$3) same ((data) and (reference adj2 clock)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 19:53
S26	21	S25 not S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 19:54

S25	23	S19 and (phase adj detector) with ((select\$3 or multiplex\$3) with ((input) and (reference adj2 clock)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 19:54
S27	1	(US-6566967-\$).did.	USPAT	OR	ON	2009/06/15 19:59
S30	1	S29 and (phase adj detector) same ((select\$3 or multiplex\$3) same ((received adj data) and (reference adj2 clock)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 21:58
S29	93171	S28 and @ad< "20031208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 21:58
S28	184093	((375/142,375) or (331/11)).CCLS. or ("340").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/15 21:58

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	686100	((("375") or ("340") or ("331") or ("455") or ("327") or ("342") or ("713") or ("714") or ("365")).CLAS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/03/20 15:06
L3	8	L1 and L2	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/20 15:08
L2	9	(clock and (phase near3 loop) and oscillator and (phase near2 detect\$3) and integrat\$3 and discriminat\$3 and compari\$4).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/20 15:08
L5	1	L4 and (second near2 integrat\$3).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/20 15:09
L4	3	L3 and ((first near3 phase) and (second near3 phase)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/20 15:09

**3/ 20/ 2011 3:10:13 PM**

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